

# **SOUTH PRODUCTION NOTES**

March 15, 2016

7-3 Shift Notes

**BASF EMPLOYEES**

109 Last Recordable

176 Last Lost time

Sampled sump and currently using sump to pump over the building 31 elevator pit. If we have any kind of excursion will need to get shut off immediately.

**Title V Notes:** Trimer – Trimer still has leaks from the flange, additional repairs in process. Estimating a Thursday completion.

CTO – is off line. Bypass damper assembly needs to be adjusted. Keep an eye on the scrubber, had it go into flame failure this weekend. This was also due to the bypass damper vibrating too far away from the limit switch.

F-1 Scrubber – Only sample scrubber and sump once per day (1<sup>st</sup> shift).

Sly Scrubber – Need to perform PM sampling once a day (2<sup>nd</sup> shift).

#8 Dust Collector- Locked out for maintenance to work on blowdowns.

## **#1 MED / AI-3945:**

On hold until Trimer is repaired.

When we start back up we need to keep the extruder speed between 20-25 per the engineer. We have been getting the best lab results that way. Make sure we are greasing end seals.

Don't get too far ahead of the calciner.

## **#1 RC / AI 3945:**

On hold until Trimer is repaired, has been brought down.

## **#2 MED line / Styrene:**

The oscillation belt on the dryer is ripping at seam and needs to be trained before starting back up. WOW. Out of raws. There is 14 more due in tomorrow.

When we start back up we need 3 to 4 scoops of wet mix in each batch to try and use up the few drums on the 3<sup>rd</sup> floor.

**Do not leave cardboard on the used pallets.**

Continue to feed recently run bags to the calciner first. We do not need to go in bag order, Justin would just like to get results on what we are currently making as we build feed. Justin would like us to continue to get ahead of the calciner by

as many bags as possible. We have raws for 90ish batches. We will then cut in with another extruded product while finishing the calcining of Styrene. At the beginning of every shift, the mix operator should open the mixer, check the discharge valve to make sure it's open, check the chute to make sure it's not glazed over, and check the injectors. Make sure wet mix goes into white top drums. Water addition has been raised to 85 lbs. Do not wash Styrene down the drain – contains moly.

### **#2 RC/ Styrene:**

Continue to feed recently run bags to the calciner. We do not need to go in bag order, Justin would just like to get results on what we are currently making as we build feed. Make sure that all fines/oversized drums are white top drums – due to the weight of the product and use of dry ice. The Floor CRT will need to take a sample out of the F1 scrubber and sump in B31 to wastewater once a day. Before unlocking building 31 sump WWTP will test these samples for moly and if the sump is low, we can unlock and send to WWTP. At all other times the west sump will remain locked out.

**Need to remind operators that Styrene material can't be washed down the drain.**

### **#3 MED line / D-0717 NAQ: LAQ next**

Clean up done on 2<sup>nd</sup> and 3<sup>rd</sup> shift. Need to walkthrough and see if it's good enough hold for engineering.

Make sure we are greasing end seals once per shift when mixing.

### **#3 RC / D-0717 NAQ: LAQ next**

Clean up started continue to follow clean up sheet.

**Feed in batch order and fill out calciner feed sheets.**

### **#4 RC / D-0222:**

Holding for trimer repairs.

When we resume running keep an eye on the oversize screen (blinding over).

Oversize screen has been changed over to 2 mesh per Andrea.

Remember that your feed rate is not only based on the syntron settings but also the amount of fines and oversized material coming off the calciner. If the feed rate is dropping check the screener first to see if it is blinded over.

**Keep a close eye on the temps and feed rate, we have been underfiring material.**

Feed oversize into a bag and keep for refeeds later in the run.

### **#5 RC / 4011 next: Full cleaning**

Continue cleaning.

When running, feed Hopper should not be filled past 2ish feet below the top to allow room for blowdowns. HEPA filter was last changed out 2-25-16 on midnight shift.

### **#6 RC & Dryer / D-1781 LAQ:**



We are running all the material thru to dry it. Have about 5 or 6 more buggies to go. Need to be flipping and cleaning them out as we go. Material coming off needs to be labeled as Dried-Refeed. Will have to get calcined after the trial run this week.

Having an issue with the purge air dryer (dew point out of range). **Do not use check weigh scale in bldg 27 until OCS calibrates.** Take drums to bldg 31 to check weigh.

### **West Pfaudler / D- 0222:**

Started making up a new tank on second shift. Once a new solution tank 7 is prepared and approved we can make more batches. **Only use material from Lot 191.** Should be making at least 2 batches per shift.

### **East Pfaudler/ D-1781 LAQ:**

Clean up started. Pfaudler and hopper has been rinsed out. Will need to finish clean up and reset lid.

### **6 Tank: D-0222 solution:**

Do not make a tank, hold for engineering approval.

### **7 Tank: D-0222 Solution:**

Made up tank except for rinse water. Wanted to verify with engineering before putting it into the tank. After the rinsewater is added need to get sample. Watch temperature.

### **National Dryer / D-0222:**

Feed as material is available. Grodecki gave the okay to use the material made with Lot 186 raws.

### **PK Blender / 4011/4010 next:**

We would like to power wash out the PK to see if we get a bunch more lining off, but the power washer does not work – a new pressure washer has been ordered. **Need to make sure that the building is being cleaned up! Contact EHS to get it de-reged when clean.**

Dust collector can be blown down by switching the magnahelic gauge to 0 and then shutting off the blower when it starts to blow down. DC gauge has been added to Wonderware and has been moved over to near the weigh tank. Gauge should be set at 3.5 and 4.25.

### **Abbe Blender / D 5206:**

HF tote has been closed up and Abbe lid was remove and vessel cleaned out. Cover plates over open hole in floor have been reinstalled.

**Tower 3 / Cu-1230:**

Tower loaded and started.

**Tower 6 / Cu-1155:**

Tower running, continue to monitor.

**North Screener /Cu-1155:**

Screener is set up for Cu-1155. Holding for engineering

**South Screener /Cu-1155:**

Continue to run. Keep an eye on the feed rate.

**#2662 (west) Pill Machine /**

Back together and holding.

**#2664 (east) Pill Machine /**

Back together and holding.

**TK #2 / Zr-0404:**

Done. Blowers have been turned off and kiln is down.

Leave the saggars on - we don't know what product we will be going to next.

**TK #4 / Cu-2508 DONE, X-540 next:**

Blowers have been turned off and kiln is down. Clean and swap out saggars when time permits. Need MOD. Had issues with the hydraulic system kicking out, and also the screener. Has been operating at a lower than normal pressure - WOW.

**Harrop Kiln / Al-4196:**

Continue to run. More material was found last night continue.

**Building 27 Belt Filter / Cu 5020:**

Will not be starting up for a while...nothing on schedule. Maintenance is currently doing repairs to the belt and will let us know when they are finished.

**We have switched to 188 lined super sacks. These will need cardboard sleeves around them and new clean pallets.**

**PRIORITIES:**

- 1) East Pfaudler/#6 RC
- 2) West Pfaudler/Nat'l Dryer/#4RC/Trimer
- 3) #1 MED/RC
- 4) #3 MED/RC/CTO
- 5) #2 RC South

- 6) #5 RC (Change over for 4011/4010)
- 7) #2 MED
- 8) Reduction Towers
- 9) Harrop Kiln